I N I S -

INTERNATIONAL

NUCLEAR

INFORMATION

SYSTEM

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WHAT IS INIS ?

The International Nuclear Information System

a database of 1.8 million references

(1.6 in electronic form)

growing by 80,000 references per year

INIS PRODUCTS

INIS Reference Series

A series of 23 manuals e.g.:

INIS-1: INIS Descriptive cataloguing Rules

INIS-3: INIS Subject categories and Scope Descriptions

INIS-6: INIS Authority List for Corporate Entries and Report Number Prefixes (32,403 entries)

INIS-9: INIS Magnetic Tape Specifications and Record Format

INIS-11: INIS Authority List for Journal Titles (available in machine-readable form, 11,483 journals)

INIS-13: INIS Thesaurus (19,701 terms)

INIS-21: Guidelines for Standardized Entries of Cooperate Bodies

INIS-22: Data Base Description Manual

The working language of the INIS database is

ENGLISH

Abstracts may be submitted optionally in addition in the other official IAEA languages, namely:

FRENCH, RUSSIAN, SPANISH

Titles are always in English and also in the original language

INIS input by language of the original publication:

ENGLISH	73%
RUSSIAN	12%
GERMAN	05%
JAPANESE	03%
FRENCH	03%
OTHERS	04%

INIS SUPPORT PRODUCTS

1. INIS Reference Series:

a series of 23 manuals explaining the formats, codes, rules and procedures on which INIS operations are based

2. FIBRE (Friendly Inputting of Bibliographic Records):

a PC program for inputting records into INIS

What can INIS do for you?

- help you with your research
- answer questions about nuclear science and technology
- point you in the right direction
- test your assumptions
- locate colleagues in the same field

What does INIS contain?

bibliographic references to:

- journal articles
- technical reports
- conference papers
- books
- patents
- laws and regulations
- other published material

Where is INIS?

on the shared mainframe computer here at the Agency

INIS OUTPUT PRODUCTS

1. *INIS Atomindex*, a semi-monthly abstracts journal published from May 1970 to the present, in print and on COM microfiche,

   available to the public worldwide on subscription or by ad-hoc order

INIS OUTPUT PRODUCTS

2. INIS magnetic tape/cartridge service

   available to INIS Liaison Officers or a third party designated by them, for providing output services within their boundaries

INIS OUTPUT PRODUCTS

3. INIS online service, with records from 1970/1976 to the present, available to INIS Members on subscription and offering:

- connect time for remote interactive searching of INIS records

- automatic execution of search profiles prepared and stored by the user (SDI service)

- online ordering of INIS microfiche

- mailing of offline prints

INIS OUTPUT PRODUCTS

4. INIS database on CD–ROM, a set of compact discs containing INIS records from January 1976 to the present, searchable via PC and CD–ROM player

   available to INIS Members on subscription

INIS OUTPUT PRODUCTS

5. INIS microfiche service, whereby the full texts of the non-conventional literature cited in INIS, such as reports, patents and theses, are microfiched by the INIS Clearinghouse

   and made available to the public worldwide on subscription or by ad-hoc order

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INTERNATIONAL ATOMIC ENERGY AGENCY

The IAEA has

the statutory obligation

to foster the exchange

of nuclear information

amongst its Members

INIS PHILOSOPHY

International co-operation

Decentralized responsibilities

Single focal point: national Liaison Officer

- collect literature
- process in compatible way
- input to the System
- output distribution

Central co-ordination: INIS–IAEA

- guidelines, rules, formats
- authorities
- quality checking
- output products

INIS PHILOSOPHY

Universality — equal usefulness

Non-conventional literature

Training

Assistance to Member States

INIS announces the literature published worldwide on the peaceful applications of nuclear science and technology,

and starting from 1992, its scope includes the economic and environmental aspects of all energy sources.

Where is INIS?

- **on the following online hosts:**
  - **BELINDIS, Belgium**
  - **CISTI–CAN/OLE (Canada)**
  - **DIALOG, USA**
  - **IAEA, Austria**
  - **ICSTI, USSR**
  - **JOIS, Japan**
  - **STN International**

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INIS BEGINNINGS

FIRST INIS STEPS:

1965 – Two consultants (US and USSR)

1966 – Proposal from consultants

1967 – Groups of experts

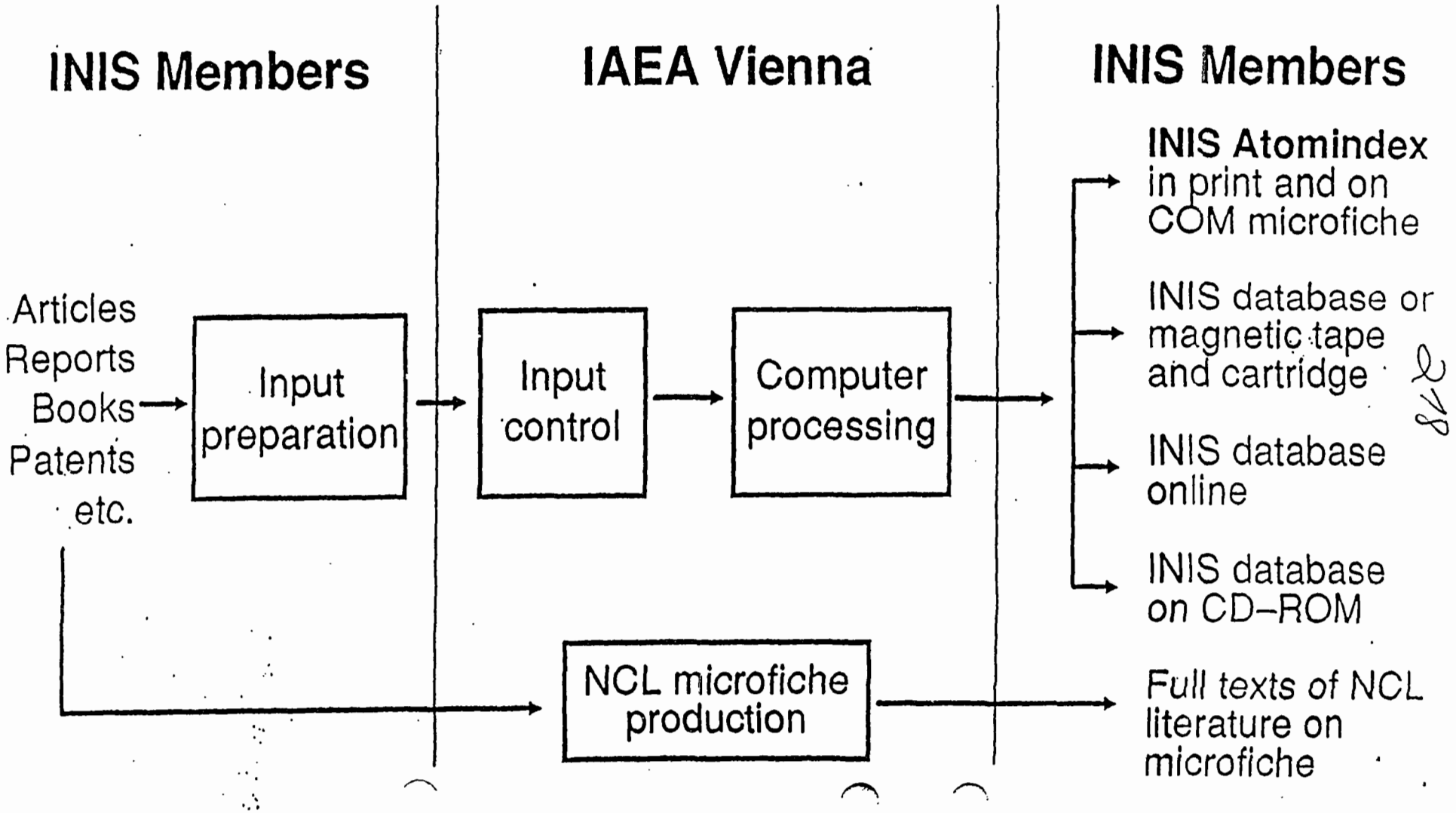
1968 – Systems Study Team (4 months)

1969 – Approval by the Board of Governors

May 1970 – 1st INIS Atomindex (printed and on tape)

May 1990 – 20th Anniversary

Basic INIS Flowchart



Average Coverage Lag (in months) by Type of Record

Atomindex Vol.21 (1990) - Vol. 25 (1994)

Type of record	Vol. 21 (1990)	Vol. 22 (1991)	Vol. 23 (1992)	Vol. 24 (1993)	Vol. 25 (1994)
Journal	6	7	8	7	7
Book	11	13	13	9	9
Report	12	10	10	10	9
Patent	10	13	11	9	12
Misellaneous	15	19	16	17	18
All records	9	10	10	9	9

Definition: Coverage lag = date of inclusion in the database - publication date (in months)

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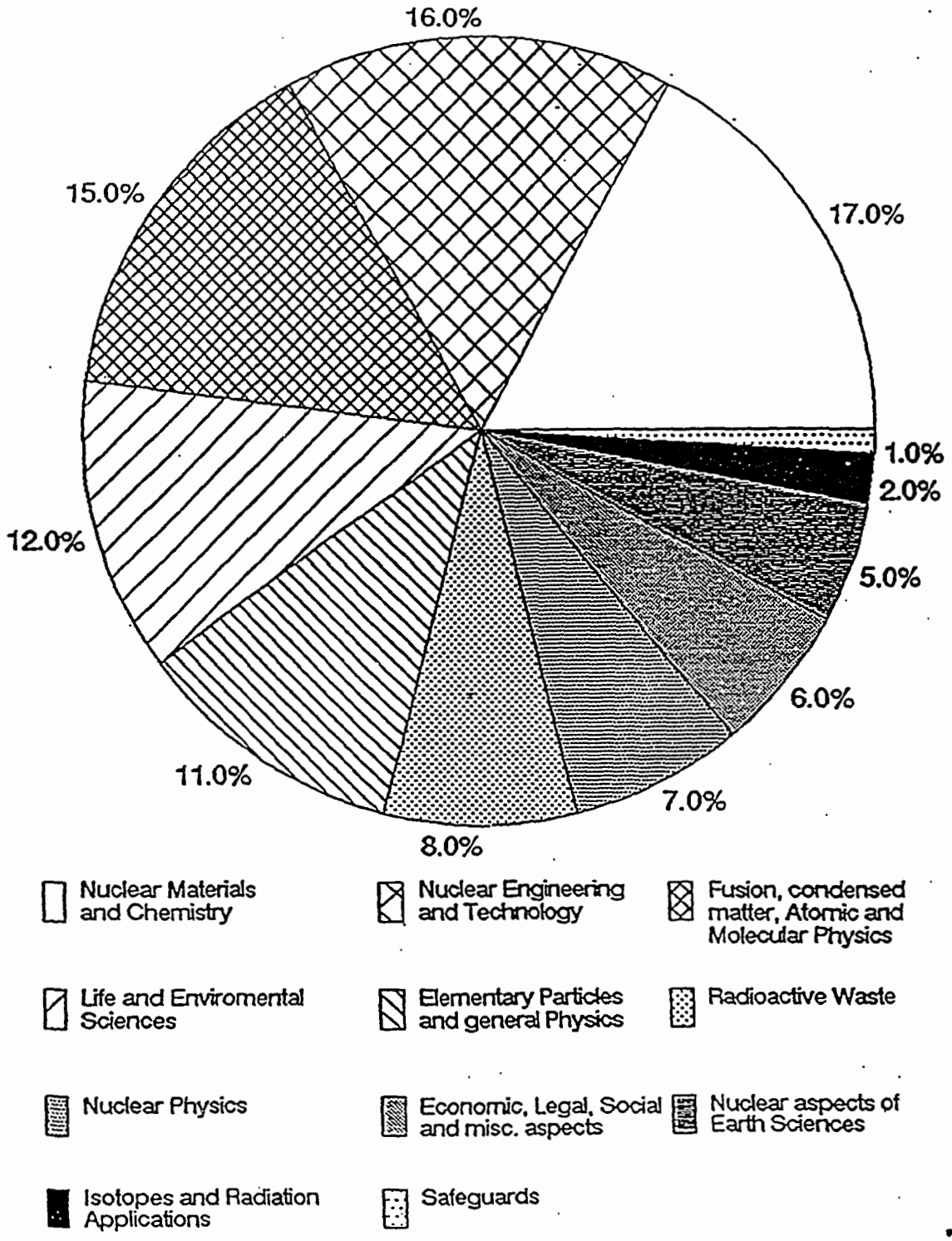
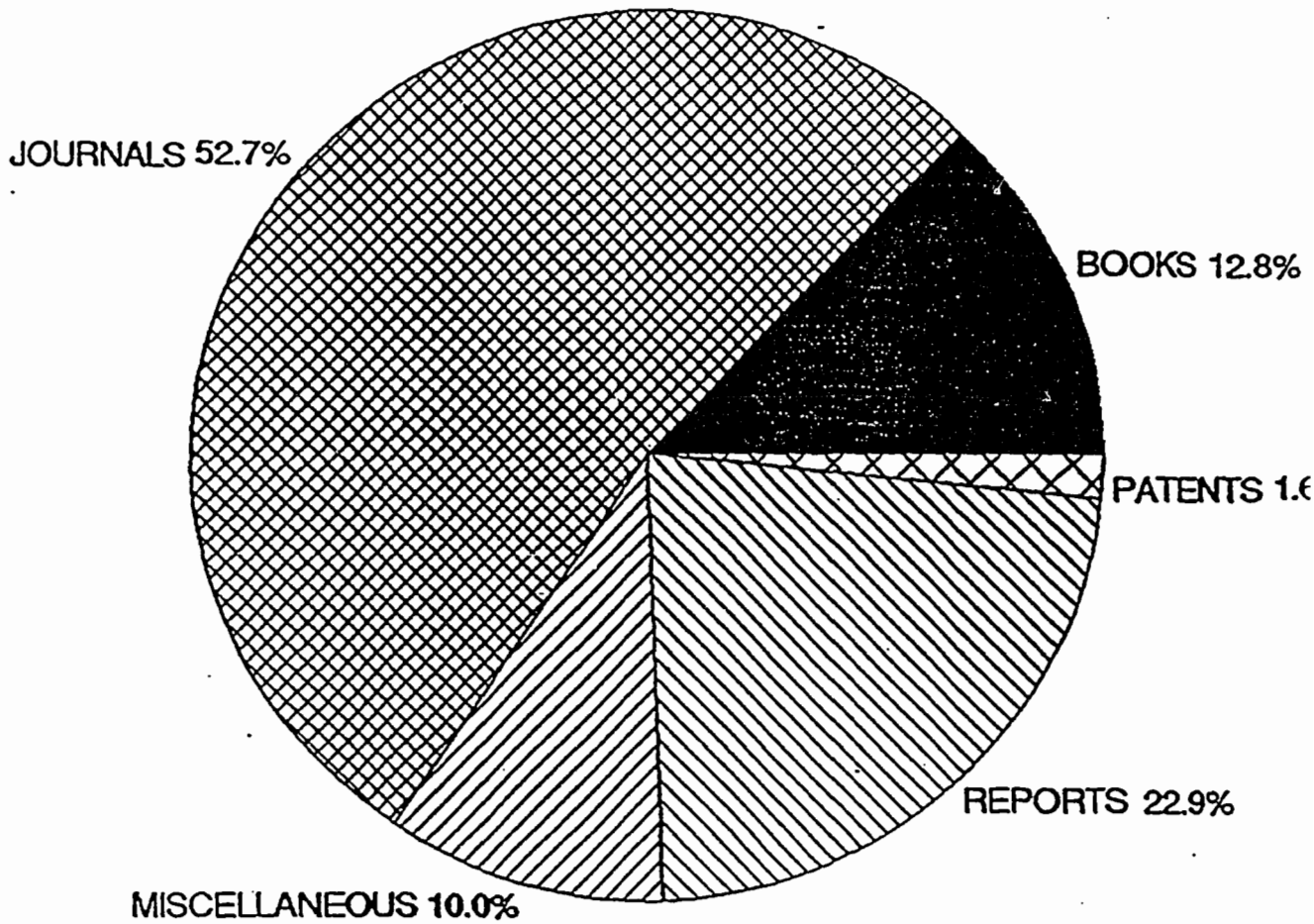
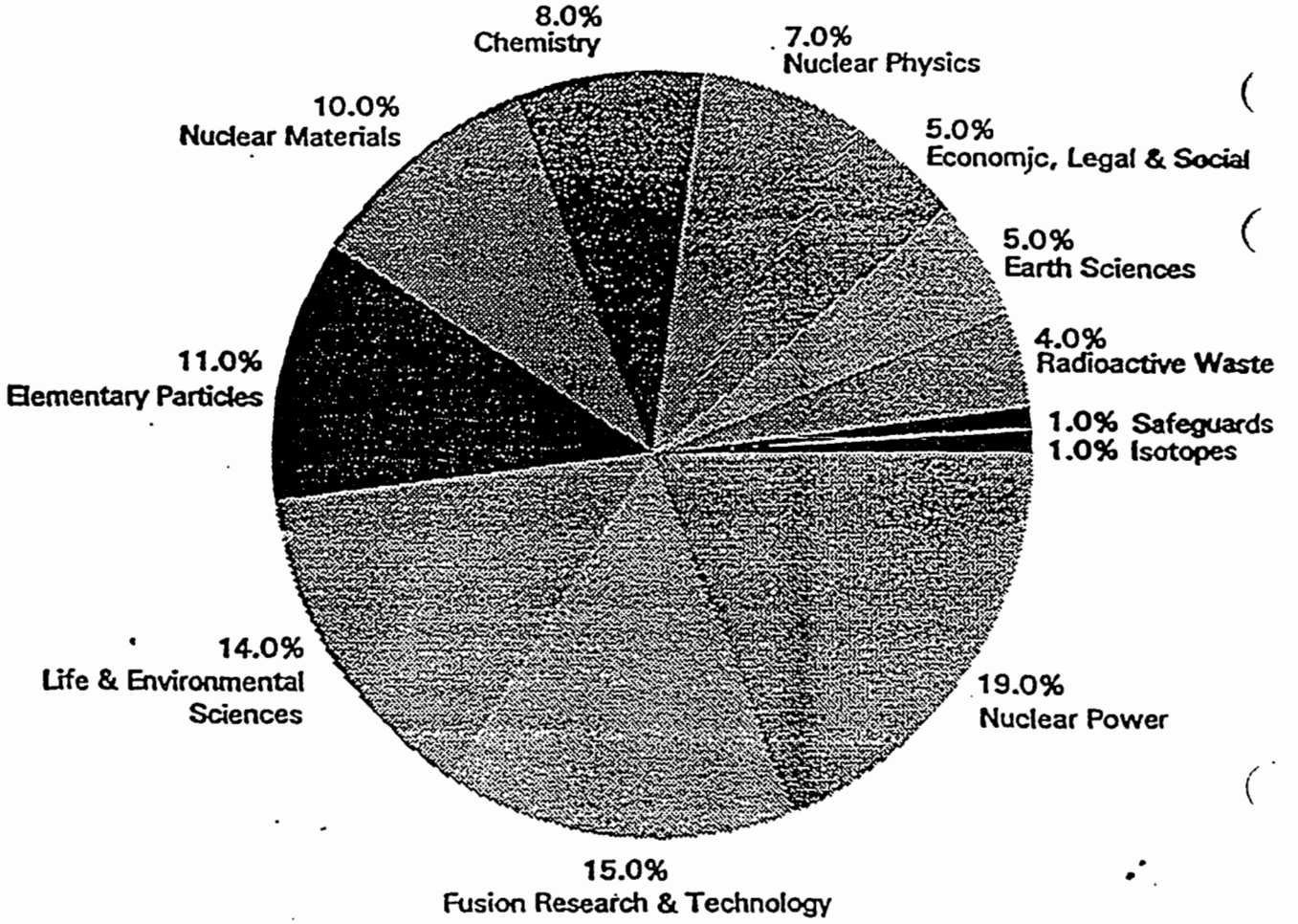
Input to INIS Database by Subject Areas
Volume 25 (1994)



INIS INPUT BROKEN DOWN BY LITERATURE TYPE VOLUME 25 (1994)



Input to INIS Database by Subject Areas
Volume 25 (1994)



INIS Subject Scope

Nuclear Engineering and Technology

- Fission Reactors and Nuclear Power Plants
- All Aspects of Nuclear Engineering and Instrumentation
- Isotope Production and Applications
- Radioactive Waste Management
- Nuclear Safety
- Safeguards and Non-proliferation

Sciences Relevant to Nuclear Research and Application

- Physics: Elementary Particles and Fields, Nuclear Physics, Atomic and Molecular Physics, Plasma Physics and Fusion, Physics of Condensed Matter, General Physics

- Chemistry: Chemical and isotopic Analysis, Inorganic, Organic and Physical Chemistry, Radiochemistry and Nuclear Chemistry, Radiation Chemistry, Fission Fuels, Materials such as Metals and Alloys, Ceramics and Cermets

- Environmental and Life Sciences: Effects of Radiation and Radioisotopes in Biology, Applied Life Sciences, Health, Radiation Protection and Environment, Radiology and Nuclear Medicine

- Earth Sciences Relevant to Nuclear Activities

Other Aspects of Nuclear Energy: Economics and Sociology, Legal Aspects, Nuclear Documentation, Mathematical Methods and Computer Codes

Economic and Environmental Aspects of Non-nuclear Energy Sources (since 1992)

PRINT COMMAND FROM 92/08/14, 16:28:38
FOR 1 DOCUMENT(S), DATA BASE IN91, 7-2224

S 00001 (000003) INTERNATIONAL ADJ CHERNOBYL ADJ PROJECT

DOCUMENT NUMBER = INI22:066284 1 OF 1

TI: The international Chernobyl project. Assessment of radiological consequences and evaluation of protective measures. An overview. Report by an International Advisory Committee.

CO: International Atomic Energy Agency, Vienna (Austria).

LA: English

IM: Vienna (Austria). IAEA. 1991. 57 p. ISBN 92–0–129091–8.

CN: XA (International Atomic Energy Agency (IAEA)) B (Book)

CC: C5100 (Actual Accidents) C5500

AB: This Overview presents the conclusions and recommendations of the International Advisory Committee which directed the project on the Radiological Consequences in the USSR from the Chernobyl Accident: Assessment of Health and Environmental Effects and Evaluation of Protective Measures. Measurements and assessments carried out under the project provided general corroboration of the levels of surface cesium-137 contamination reported in the official maps. The project also concluded that the official procedures for estimating radiation doses to the population were scientifically sound, although they generally resulted in overestimates of two- to threefold. The project could find no marked increase in the incidence of leukemia or cancer, but reported absorbed thyroid doses in children might lead to a statistically detectable rise in the incidence of thyroid tumors. Significant non-radiation-related health disorders were found, and the accident had substantial psychological consequences . . .

CT: (iad); cesium 137; chernobylsk-4 reactor; contamination; evacuation; fallout; ground water; lymphocytes; meat; milk; population relocation; public health; radiation monitoring; reactor accidents; soils; tsh; ussr; . (cad); accidents; animal cells; beta decay radioisotopes; beta-minus decay radioisotopes; . . .

MQ: chernobylsk-4 reactor: reactor accidents; ussr: population relocation; ussr: radiation monitoring.

PRINT REQUEST NO: 2 FROM 92/08/14, 16:28:38
QUERY S 00001 (000003) INTERNATIONAL ADJ CHERNOBYL ADJ PROJECT PROCESSED.

REQUEST PROCESSED - 1 DOCUMENT(S) PRINTED